

ABSTRACT

Discloses is a motor vehicle brake having at least one brake disc or brake drum, at least two brake linings, and a device for detecting the tensioning force acting upon the brake linings when the motor vehicle is actuated. The brake linings include a carrier plate and a friction layer that is movable into engagement with the brake disc or brake drum. The device for detecting the tensioning force is designed so that it senses variations in the electric resistance (3) of the friction layer (2) that occur upon actuation of the motor vehicle brake, and evaluates them to determine the tensioning force. This allows for measurements of the tensioning forces that occur upon brake actuation with a sufficiently high rate of measuring accuracy at low costs.